

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-017370**Date Inspected:** 22-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#19

FCAW welding of weld is identified as 1G-005 of SB020-086 for SB86E. The welder is identified as 062762.

ABF QC is identified as Mr.Peng wen jun . The welding variables recorded by QC are appeared to comply with the WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld is identified as 2G-025 of SB017-090 for SB90W. The welder is identified as 062761.

ABF QC is identified as Mr.Peng wen jun . The welding variables recorded by QC are appeared to comply with the WPS-B-T-22321-Tc-U4b-F.

FCAW welding of weld is identified as 2F-077 of SB017-090 for SB990W. The welder is identified as 062761.

ABF QC is identified as Mr.Peng wen jun . The welding variables recorded by QC are appeared to comply with the WPS-B-T-2132-F.

FCAW welding of weld is identified as 2G-067 of SB017-086 for SB86W. The welder is identified as 062786.

ABF QC is identified as Mr.Peng wen jun . The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld is identified as 3G-065 of BK004A8-003 for BK004A-003. The welder is identified as

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062755. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2333-Tc-P4-F.

FCAW welding of weld is identified as 4G-088 of BK004A6-003 for BK004A-003. The welder is identified as 260562. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2334-Tc-P4-F.

FCAW welding of weld is identified as 2G-164 of BK004A2-002 for BK005A-002. The welder is identified as 062808. ZPMC QC is identified as Mr. Guo xing hui. The welding variables recorded by QC are appeared to comply with the WPS-B-T-2232-Tc-U4b-F.

ZPMC personnel performing Re-Heat straightening of Bike path BK004A-010 after their MT completed and accepted. This is informed to ZPMC QC Mr.Xu tao , he agreed and asked ZPMC QC MT personnel for Re-MT.

This QA inspector performed MT 15% of weld areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

BK004A-004

BK004A2-004-016,018.

BK004A-011

BK004A3-011-019,020.

BK004A4-011-007,032,058,059.

BK004A6-011-125,153,065,063,072,073,096.

This QA inspector performed VT of welds areas previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated a VT report for this date. The members are identified as OBG Bike path. The weld designations reviewed as follows.

Bk004A-011

BK004A3-011-065,100,067,101,068,102,069,103,070,104,071,105.

BK004A4-011-080,100,083,102,082,101,085,103,086,104,087,105.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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Summary of Conversations:

No relevant Conversation.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar,Chadra	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
